

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB



Next Meeting July 13

Lorna Campbell, KA7RFD, Editor

Program For July

John, K7SHC

"Alternative Power Sources" will be the topic of the July program. Come hear Colin Lamb, K7FM, of the Chehelam Valley ARC, Newberg, describe his experiences with wind and solar power generation.

Colin powers his station and repeater with these sources. He will display and demonstrate some of his generation equipment. He will describe and give practical advice on how you too can take advantage of these natural sources of power. If you have ever considered building your own wind generator, this program is for you.

Words From The President

Roger, K7RXV

One of the major events of the year for OTVARC is happening next weekend. Field Day has traditionally been one of the major events of the year for the club. I would like to personally encourage everyone who attends to let the other club members know what a good time you all had. I have to write this before the June 20 deadline to get it in the newsletter so I don't have any idea how we will do in the contest side of field day however we have done quite well in the past and I am anticipating another good showing by OTVARC.

There have been many concerns to find ways to encourage more participation in club activities and ways to involve more people from the community in ham radio. The board has been working on this problem for some time and I would like to encourage anyone who has a suggestion to let a board member know so that we don't miss a good idea or solution.

I would like to stress again that this club exists for the members and not for any individual and as

such the success of all things done by or for OTVARC will only succeed with the full support of the membership.

Public Service

Randy, KZ7T

The next four months will be very busy for the public service people. The Month of May we had the Viking Classic which Bud, KC7PS, Jim, KB7ADH and REX, KA7YKR helped me work.

Next was the Black Powder Shoot out at the Flying "M" Ranch. The main reason we were out there was so they would have communication if any one happened to shoot their foot off or some other accident. A couple of the participants let me shoot their flint locks, one was a Tennessee and one was a Pennsylvania. The Tennessee was a better gun because I hit the target. I didn't shoot my foot either. All kidding aside the Black Powder Shoot is a very fun event to work. I would like to thank Susan, N7EPE, Bud, KC7PS, Bill, WC7P, Jim, KB7ADH, Rick, KA5OLH, Joan, KA7VXC and Dale, W7FBP for helping me with the shoot.

The month of June brought the Rose Parade and we had the pleasure of helping the Hoodview ARC in that parade. What we did is work with a parade official at certain places along the parade route and if the parade got too strung out or whatever else might happen, the Director would give instructions to our net control, who in turn would communicate it to us and we would relay the information. I would like to thank Joan, KA7VXC, Susan, N7EPE, Jim, KB7ADH, Mike, KE7HS, Bud, KC7PS, Bill, WC7P and Rick, KA5OLH for helping.

The last event in June will be the Trask Motor Cycle Trails. In the month of July we will have the MS 150 and I have enough people for that. In the month of August is the Hood To Coast happening and I will be looking for people to help me in that event so if you would like to volunteer just call me. Finally Jim, KB7ADH and I will work Stonestrow Run in Tualatin. That is it for now more next month.

DX For Beginners And Others

Greg, W7AGQ

Here we are again and the DX is "red hot and rollin'." 15 and 20 seem to be the bands where its all happening. I am frankly disappointed in 10....my favorite band. It has not been open to all areas of the world so far as I can tell.

Some forecasters are now saying that we will have reached the peak of this sunspot cycle by the end of the year. If this comes to pass it may be the quickest peak since records were kept. I hope this just means that the bands will get hot and stay that way.

Sometimes I find it frustrating to learn that there has been an expedition or a rare country has been on for a while and I missed it. The old "you shudda' been here last night" is true for DXers too.

I have cut down on that frustration a bit for the last year or so. I am a subscriber to a newsletter for DXers. There are a number of them on the market. I've heard of many but am familiar with only one....the DX BULLETIN. Frankly I chose the DX BULLETIN because it is West Coast edited and had a good reputation. There is the possibility that the Long Island DX or QRZ DX or Gus Browning's newsletter or many of the others are great publications too. It just seemed that a western perspective was preferable for me.

The DX BULLETIN comes out 50 times a year (a guy's got to have a vacation for a couple of weeks). In addition there are a number of Special Report bulletins that are mailed to subscribers.

The DX BULLETIN is edited by a DXer of considerable note, Chod Harris, VP2ML. Yes I know I said I subscribe because of a western outlook. Well these days it is W6/VP2ML out of Fulton, California (north of San Francisco). It is a four page affair leading off with DXpedition News. For instance, I just picked one issue at random, April 15. I note information about operations from CoCos-Keeling-VK9X, Eastern Carolines-KC6, Revillagigedo-XF4 and American Samoa-KH8. You get who is there, the QSL route, when they will be operating, what bands and mode, favorite frequencies and more.

For you multimode types, there's a RTTY Report of who, what and where etc. Then there's the Shortly Noted column, with things like, "KC4AAA is often high in the 20 meter SSB band in the evenings, local time" and "HG8Q listens for US stations on 1832 kHz at 0500Z Sundays."

The second page always leads off with propagation news, charts and explanations, including how to use them to design your own predictions. Also on page two, you will find news items such as the International DX Convention, Dayton, DX Packet News, Report from Nigeria etc.

While I enjoy reading the DX BULLETIN news, the most useful information is on page three...."Bandpass." Here you will find what has been on the last few weeks and were and who is reporting. It is broken down by RTTY, CW and SSB and by bands. For instance, if you are interested in 20 meter SSB you can see about 50 stations worked. "CN8FB 14228 2 OR" and "FT5YB 14230 0641 28 BC" can be translated as Morocco (CN8FB) worked on 14.228 kHz at 2248 Universal Time (2:48 pm PDT) on 2d of the month by someone in Oregon. Likewise the FT5 was worked on 14.230 at 0641Z (11:41 pm PDT) on the 28th from British Colombia.

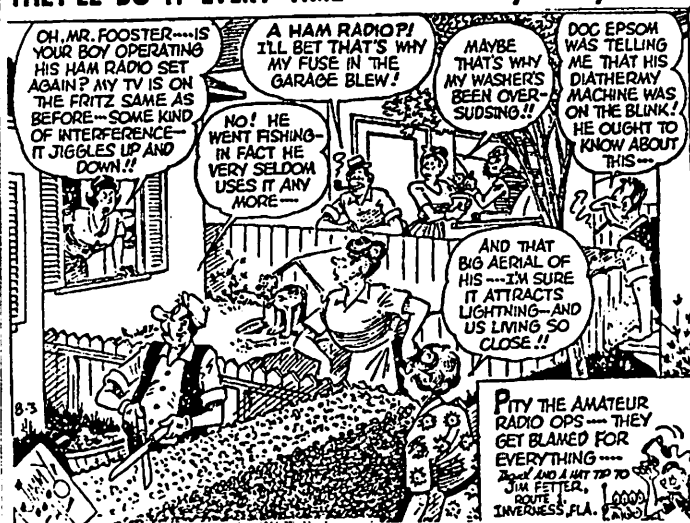
The last page has an especially useful "Calendar." Here, by country, are listed the stations on now or expected soon from comparatively rare spots. It is short, to the point and referenced to a DX BULLETIN volume number for detailed information. For instance, "Ivory Coast-TU TU4GR to mid-Aug. I 433", means that station will be on then. More information can be found in Issue 433. Issue 433 says "Rudi DJ9GR is now active as TU4GR, mostly CW 5 or 25 up from band edge. He'll be there until mid-August, when he'll return to handle his own QSLs."

I mention that the DX BULLETIN puts out "special Report" papers also. They too are usually in the 4-page format. A sampling of some this spring show in-depth reports on the Ten-Tec Paragon transceiver with a later issue devoted to letters about that Report and the Paragon. Also I read about expeditions to Mt. Athos, the SP DX Club (not

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THEY'LL DO IT EVERY TIME

By Jimmy Hatlo



Southern Pacific but Poland), and information on Cycle 22 – The Best Ever? and the new DXCC rules.

I have recently renewed my subscription and look forward to much enjoyable reading in the future. If you want to have a sample issue or write for subscription information, ask me or write to DX BULLETIN, P.O. Box 50 Fulton, CA 95439. Rates are \$29 second class or \$38 first class per year. No I am not an agent, am not getting paid for this and have made no arrangements with the DXBULLETIN. I just think it is a good paper and well worth the time and expense. It's just one more aspect of DXing that you may wish to explore.

See you on the bands.

73 (and 88 where appropriate).

Net Operation Part II

Randy, KZ7T

Here's the continuation of the extraction from The Emergency Coordinator's Handbook:

H. The use of alternate or additional frequencies may be necessary during a complex operation. It is up to the NCS to assign all frequencies.

1. Assigned frequencies should be standard simplex frequencies as shown in the ARRL band plan unless it is necessary to utilize a repeater.

2. Frequencies should be chosen to minimize interference among stations operating in close proximity to one another. The 145 MHz and 147 MHz ranges should be utilized if possible. Ragchew frequencies such as 146.52 MHz should be avoided.

3. Stations moving off the main net frequency should do so only at the direction of the NCS and should inform the NCS when they are going to shift to a different frequency and when they return to the main net.

4. If a sub-net is to be established, the NCS will assign a sub-net control station and all main net procedures will apply to the sub-net as well.

I. In our role as communicators, we must strive for efficiency. However, being efficient does not necessarily mean being fast. Transmissions should be made at a speed that allows the receiving station to copy easily and to write down important information. This is especially important for written messages. Transmit your messages at handwriting speed which is usually considerably slower than conversation speech. When sending lengthy messages, take frequent breaks to be sure that the receiving station is keeping up with you. Efficiency means sending a message once at a moderately slow pace as opposed to having to repeat major

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segments that were sent too fast to copy the first time. Speed in communications can be gained by eliminating unnecessary verbiage.

J. "Prowords", or procedural words, help speed communications and often are able to express complex ideas in a single word. They are only effective, however, if everyone understands them and uses them correctly.

1. "Over" is used to indicate the end of a transmission and is an invitation for the receiving station to reply.

2. "Out" indicates the end of a transmission and the end of the "conversation" or series of transmissions. No reply is expected.

3. "Roger" means that a message has been received and understood in its entirety. It does not mean "yes", or signify agreement.

4. "Affirmative" and "Negative". Someone once quipped that these were short for "yes" and "no". In any case, they are appropriate because they are distinctive sounding words and their meaning is clear. This can be helpful, especially under marginal conditions.

5. "Direct" as in, "Are you direct?" means "Did you copy directly?" and refers to one station's copy of another's transmission. It is usually used in the form of a query from the NCS to find out if Station "B" copied Station "A's" transmission "di-

Continued Next Page

rect" or if Station "B" needs a relay.

6. "Q" signals were developed for telegraphy and normally are not appropriate for voice communications. The object of using "Prowords" is to make yourself easily understood.

The Extra Class Novice

Ken, KF7JR

My first QSO on 2 meters was a dilly. I innocently walked up to Lorna's, KA7RFD, house with my 2 meter rig in hand. "I got my call sign today." I sputtered, not knowing Randy, KZ7T, was lurking around the corner. "Got your call sign huh, what is it..., KF7JR..., you talked on that yet..., NO!, here lets see that." In two seconds flat he hits the repeater and locates a friend for me to talk to. Frightened, petrified and trembling I forgot my call sign and unknowingly trampled Randy's, and Lorna's, flower bed.

Well that's all behind me now and I'm much more comfortable on 2 meters. I even got up the courage to work Stew, N6PWY Maritime Mobile, on the USS Ford while the fleet was in town. I'll admit I waited for the pileup to ebb, but I did it. and I'm even going to get a QSL card from him.

While at home I have been searching for a location for a shack and concluded there is only one suitable site...my dining room. Now if I were married that would be grounds for divorce but being single there were no dissenting views. The same seems to apply when it comes to the tower I would like in my backyard. My neighbors have long ago acquiesced to the spectacle on my roof and figured I would need to expand somewhere. One neighbor thought KGON was going up and I quickly assured him that I would not exceed the 200 foot level needed for FCC approval.

Currently I'm operating a 2 meter base on my stomach on the floor into a discone up about 15 feet. Except for the operating position this works well on simplex chatting with friends Bob, N7JXN, Buck, N7KIC and Dave, KA7WOF, all of which have been extremely helpful and understanding during my first few steps on the air. Ham radio has many like them ready and willing to assist.

While visiting Bob's shack on 6-18-88 at 0150 UTC I entered my first pileup with a D44 on Cape Verde Is. It was all the book DX POWER by Eugene B. Tilton, K5RSG, had said it would be complete with policemen, tailenders, combative calling and a whole genre of yelling screaming Hams. I loved every minute and although I wanted to hang it up

after 45 minutes Bob kept tuning back to let me call a couple more times until the DX came back with "Japan Radio". "Yes, thanks for the call, Kilo Foxtrot 7 Japan Radio UR 5X9 in the State of Washington", and then an embarrassing moment, "QSY?" I called, the DX chuckles, "QSL, QSL, QRZed..." and the pileup continued. I got him, my first intercontinental contact and I'm hooked. Before the night ended I talked to a Russian, Vello Primann, UR2QD in Estonia and W200AH in West Virginia. Needless to say I was as nervous as a cat on a hot tin roof.

Till Next Month 73

LAST MINUTE TRAGEDY

Greg Milnes, W7AGQ house burned down June 21 and was reported a total loss. There were no injuries. Greg is circuit court judge in Hillsboro and has served as president of OTVARC. The members offer their condolences and any support needed during this difficult time to Greg and his family.

CLASSIFIED

Did you receive a Kodak Poloroid-type camera as a White Elephant at the Holiday party last December? If so, it could be to your advantage to contact Neil, WA6KLA at 649-4264.

FREE SOFTWARE FOR FT757GX If you have a YAESU FT757GX and would like to control it with an APPLE computer, here's your chance. It will control all functions including fine tuning and loads all memories from a stored file. You need an RS232 interface in your APPLE. If interested call Ralph Karls, WB7VGS 649-5845.

HYGAIN EXPLORER 14-4 EL. BEAM 10-15-20-40 Meters. Stainless Steel Hardware. Never driven over 600 Watts! \$175 Rotor \$75, Jeff, K7JF 297-7965

WANTED Kenwood TR 740A Two Meter FM Transceiver. Need original rig without modification. Will pay cash. Call Bob, K6RH at 648-1248

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Yard Sale To Benefit Christmas Party

Marvel, KA7TZT

Keep collecting and saving all those unwanted, unused but good, clean items for our Yard Sale. Dates are July 29,30,31. Location - Pat and Stan's yard, 18955 SW Blanton, Aloha. Volunteers needed to help sell and clean up. Remember the proceeds help pay for the Xmas party.

Bring items to Pat's house after July 10 or call for pickup. Items that sell well are:

Household Items	Antiques
Tools/Garden Supplies	Toys/Games
Childrens Clothing	Radio Gear
Craft Supplies	Furniture
Dishes	Military Items

Whatever you are tired of moving from closet to basement, bring along. Call Marvel 292-3261, Bobbi, 645-4188 or Pat, 649-0837 for further information.

New Members Column

Kathy, KB7DNK

We have two new members this month: Ralph Bauman, KB7EHD and Steve Brune, N7LAO.

Ralph got interested in Ham Radio by short wave listening and other Ham friends. He studied for his Novice with "Tune In The World" book and used the tapes to practice code. Ralph soon got his Technician in Rickreall. He is studying the code for his General. He and his wife Gloria have two grown children. Ralph works as a pharmaceutical sales representative. Some of his hobbies include reading, camping, canoeing and travelling. Ralph says the thing he likes most about Ham Radio is meeting new people.

Steve has been a Ham since 1978. He first got interested in Ham Radio when he was a Morse code intercept operator in the USAF during the Vietnam War. Steve's favorite mode is CW. He and his wife Marilyn have four children ranging from ages three-18 years. The 18 year old is an active Ham. Steve works as the division manager for the "7-11" stores. Some of his hobbies are collecting antiques and old cars. The thing he enjoys most about Ham Radio is meeting all the great people!

Please look for Ralph and Steve at our next club meeting and make them feel welcome!

OTVARC Travelers Calendar Of Events

1988

Jun 17,18,19	Schwarz Park	Cottage Grove, OR
Jun 24-26	Champoeg	Newberg, OR
July 1-4	Cape Kiwanda	Pacific City, OR
July 15-17	Detroit Lake	Detroit, OR
Aug. 19-21	Flying M Ranch	Yamhill, OR
Sep. 2-5	Skamokawa Vista Park	Skamokawa, WA
Sep. 16-18	BarView Jetty Co. Park	Garibaldi, OR
Oct. 21-23	Spruce Run Co. Park	Elsie, OR
Nov. 18-20	Holiday RV Park	Depot Bay, OR

1989

Dec. 16-18 and 30-2	Champoeg	Newberg, OR
Jan. 20-22	Mt. St. Helens RV Park	Castle Rock, WA
Feb. 17-19	Lewis River RV Park	Woodland, WA
March 17-19	Trails End Resort	Seaside, OR
April 21-23	Big Eddy	Vernonia, OR
May 19-21	The Cove Palisades	Culver, OR

Regular campouts are the third full weekend of each month. Pot luck dinner at campouts set up at 4:30PM, eat at 5:00PM. Special Campouts may be formed throughout the year. Regular campouts may be changed from one place to another due to conditions.

CLASSIFIED

FOR SALE: 8-13 foot fiberglass quad poles, hubs + 8 foot boom for 2 el quad. Excellent condition. \$125 or best offer. Cushcraft 11 el 2 meter beam. Excellent condition. \$15. Don, W7HPI

The OTVARC NEWSLETTER is published monthly by the Oregon Tualatin Valley Amateur Radio Club, Inc. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or Newsletter Committee.

Articles may be submitted to: Lorna Cambell, KA7RFD, Editor, 9890 S.W. Inglewood, Portland, Oregon 97225.

Cutoff date for all newsletter material is the 20th of the preceding month.

Dues for OTVARC membership are \$10.00 per year and are prorated quarterly. There is a one-time initiation fee of \$2.00. Meetings are held on the second Wednesday of each month at the Beaverton Elks Lodge, 3500 S.W. 104th Avenue and start at 7PM. A buffet dinner is served at 6:15PM.

All correspondence other than for this newsletter should be sent to: Oregon Tualatin Valley Amateur Radio Club, Post Office Box 25545, Portland, Oregon 97225-0545.

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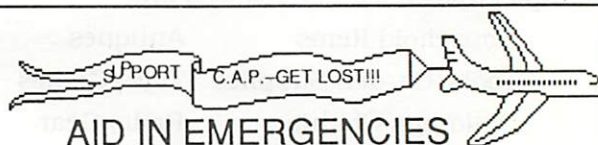
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